Public Works (1901) Department.

G.O., No 272-I

DATED 7-9-1901.

[Despatch Abstract.]

Veppangulam Tank, Periyar System

An estimate, amounting to Rs. 1,617 inclusive of establishment charges, for improvements* to ——, sanctioned with remarks.

I. ED. | 2 | 2 | 0 13/9
Indexed.

Registered as R. 42-I of 1911-12
11-9-11

P. W. D.
2,000—3-7-07.

8/9/11

Government of Madras.

PUBLIC WORKS DEPARTMENT.

IRRIGATION.
ACCOUNT.

Recd. } 1911. *Enclosures*

Regd. *Spare copies*

G.O. No. 272 I., 7th September 1911.

Veppangulam Tank, Periyar System.

An estimate, amounting to Rs. 1,617 inclusive of establishment charges, for improvements to —, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers :—

I

Letter—from C. MILDRED, Esq., A.M.I.C.E., Superintending Engineer, VI Circle.
To—the Chief Engineer for Irrigation.
Dated—Trichinopoly, the 22nd July 1911.
No.—799-C.E.

I have the honour to forward herewith for your approval and sanction of Government an estimate, amounting to Rs. 1,300, for improvements to No. 91 Veppangulam kanmoy (a tank to be maintained with reference to G.O. No. 1250 I., dated 15th December 1905), situated at the tail end of the 9th distributary, XII branch channel, Periyár system, Mélúr taluk.

2. The improvements proposed are for the construction of—

(i) Two pipe sluices on plans M. Nos. 294–295 of 1911 ; and

(ii) a weir 88½ feet long on plan M. No. 296 of 1911 capable of discharging the maximum quantity of surplus as estimated. The necessity for these works is explained in the report attached to the estimate. An estimate, amounting to Rs. 570, for repairs to the tank, received from the Executive Engineer, will be sanctioned by the Superintending Engineer and returned to the Executive Engineer for execution along with the estimate for improvements to the tank now submitted for sanction.

3. Provision has also been made in the estimate for the acquisition of a strip of land measuring 53 cents shown on plan M. No. 298 of 1911 required for the run-off channel in rear of the proposed surplus escape. The value of land entered in the estimate has been fixed by the Revenue Department.

4. The work may be classed as a remunerative one as there may be expected, by the proposed outlay, an increase in revenue to the extent of Rs. 402 detailed in the revenue statement attached to the estimate.

5. The work will be completed by the end of 31st March 1913. The rates entered in the estimate are fair and those for important items are supported by data.

ENCLOSURES.

(i)

Report to accompany the estimate for repairs and improvements to Veppangulam tank of Mélúr taluk.

Amount of estimate—	RS.
Improvements	1,300
Repairs	570
Total ...	1,870

This is a tank to be maintained in accordance with G.O. No. 1250 I., of 15th December 1905. It is situated about one-quarter mile to the west of Palayampatti, hamlet of No. 86 Ambalakarampatti village. In addition to the drainage from its free basin it receives also a supply of Periyár water from sluice No. 20 of 9th main distributary of XII branch channel. It surpluses through a cut at the right bank into No. 15 Vellakanmoi.

The existing surplus cut at the right flank at 2,620 feet in longitudinal section is insufficient to discharge the maximum flood entering the tank. It is therefore proposed to construct a masonry weir 88½ feet long at the site (*vide* plan bearing M. No. 296/1911, to pass the surplus with a head of 1½ feet above F.T.L. As the water from the surplus cut passes over the

ayacut wet lands in rear causing damage, it is necessary to acquire a strip of land to form a surplus course and this is now provided for (*vide* land plan M. No. 298/1911 and schedule enclosed). The cost of land was fixed by Revenue Department (*vide* N. Dis. No. 1405, dated 23rd March 1911, enclosed).

The bund between 500 and 2,600 feet in the longitudinal section will be made up to 3 feet above M.W.L. with top width of 10 feet and slopes 1½ to 1 as it is used as a village cart-track which branching off from the Sivaganga road at 5 miles 2 furlongs ends in Palayampatti at the left flank. The first 500 feet of the bund as also the portion to right of the proposed weir will be made up with a top width of 6 feet.

The bund is unrevetted throughout and no revetment is considered necessary. Irrigation is carried on at present by means of five sluices, of which the second at L.S. 1,062 feet is a 9" pipe sluice with masonry front head and wings and rear cistern. The remaining four are all pot sluices. Sluice No. 1 at 654 feet in longitudinal section and No. 5 at 2,570 feet in longitudinal section are unnecessary as the small area (1 acre) irrigated by them can be commanded by other sluices, and their existence causes waste of supply and disputes. The low level sluice at 1,422 feet in longitudinal section is now damaged and completely blocked up. It is proposed therefore to construct a new 9" pipe sluice at the old site—*vide* plan M. No. 294 of 1911. A high level 6" pipe sluice M. No. 295 of 1911 at right flank at 2,015 feet in longitudinal section will also be built with rear cistern to command 26·28 acres of high level wet lands and also the dry lands which will now be cultivated wet and added to the ayacut of the tank (*vide* revenue statement).

The F.T.L. has been fixed as 47·00 with reference to the level of the mamool foreshore submergence and from enquiries made at the locality and this has also been verified by the Revenue Department—*vide* Collector's N. Dis. No. 3913-Gl./10 of 18th November 1910 herewith enclosed.

Necessary statements are enclosed.

J. M. PARKER,
Executive Engineer, Madura Division.

17*th June* 1911.

(ii)

COPY of Madura Collector's endorsement N. Dis.No. 3913-Gl./10, dated 18th November 1910, on the Mélúr Tahsildar's report about the verification of the foreshore lands submerged at the F.T.L. of Veppangulam tank.

Forwarded to the Executive Engineer, Madura division, with reference to his letter No. 1357 M., dated 25th July 1910. All the lands except S. No. 23 are reported to be subject to mamool submergence.

II

Letter—from J. M. PARKER, Esq., Executive Engineer, Madura Division.
To—the Superintending Engineer, VI Circle.
Dated—the 1st August 1911.
No.—761-S.E.

With reference to your No. 4565, dated 22nd July 1911, I have the honour to inform you that No. 91 Veppangulam tank receives its supply only from sluice No. 20 of 9th distributary, XII branch channel, direct and not from sluice No. 19 as noted in G.O. No. 1250 I., dated 15th December 1905.

No. 893-*C.E., dated* 16*th August* 1911.

Communicated to the Chief Engineer for Irrigation for information in continuation of this office No. 799-C.E., dated 22nd July 1911.

C. MILDRED,
Superintending Engineer, VI Circle.

III

Note by the Chief Engineer for Irrigation, R.O.C. No. 2116/11, dated 1st September 1911.

The Superintending Engineer, VI Circle, submits, an estimate, amounting to Rs. 1,300, for improvements to No. 91 Veppangulam kanmoy, a Periyár-affected tank, which has to be maintained with reference to G.O. No. 1250 I., dated 15th December 1905. The necessity for the proposed works is clearly explained in the report accompanying the estimate.

2. Provision has been made in the estimate to acquire a strip of land to form a surplus course but no levels have been given to show whether there is sufficient fall for the free flow of surplus water along it. The Superintending Engineer is requested to see whether the fall required for carrying the maximum flood discharge is available. The site survey of the surplus escape shows a bund in the proposed surplus course which is an obstruction to the flow of surplus water and no provision has been made in the estimate to remove the same A lump sum of Rs. 50 has been allowed for it now and this has raised the amount of the estimate to Rs. 1,350. The estimate as revised in this office is recommended for sanction.

H. E. CLERK,
Chief Engineer for Irrigation.

To the Joint Secretary to Government,
Public Works Department (Irrigation).

Order—No. 272 I., dated 7th September 1911

The following estimate is sanctioned:—

Imperial.
Capital Expenditure not charged to Revenue.
49. Irrigation.
Periyár System.
Open Capital Account.
I. Works.
3. Distributaries.
C. Works.
Remunerative Work.
Improvements to Veppangulam tank, Mélúr taluk.

		RS.
Estimate—		
I. Works	...	1,350 *
II. Establishment	...	267
		1,617

* Includes Rs. 190 for land.

2. This sanction is registered as No. 42 I. of 1911-12 and will expire on the 31st March 1913.

3. The attention of the Superintending Engineer, VI Circle, is drawn to paragraph 2 of the above note by the Chief Engineer for Irrigation.

(True Extract.)

H. E. CLERK,
Joint Secretary to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, VI Circle, with plans and estimate.
" Accountant-General, Madras.

Forwarded to the

(By Order.)

Deputy Registrar.

CURRENT No. 10197
PASSED ON BY
R. C.
U. R. C 26/9
REF.
R. K.
D. C

9 Roc No. 2116/11 d/ 1-9-'09.

Note by the Chief Engineer
for Irrigation

The S. E VI circle submits an Estimate amounting to R 1300/ for improvements to No. 91 — Veppankulam Kammoy a Periyar-affected tank which has to be maintained with reference to G. O No. 1250 I of 15-12-05. The necessity for the proposed works is clearly explained in the report accompanying the Estimate.

2. Provision has been made in the Estimate to acquire a strip of land to form a surplus course but no levels have been given to show whether there is sufficient fall for the free flow of surplus water along it. The S. E is requested to see whether the fall required for carrying the maxm flood discharge is available

U

10

7.D

The Site survey of the surplus escape shows a bund in the proposed surplus course, which is an obstruction to the flow of surplus water and no provision has been made in the Estimate to remove the same. A Lump sum of Rs 50/- has been allowed for it now and this has raised the amount of the Estimate to Rs 1350/-. The Estimate as revised in this office is recommended for sanction

W
21.8.11

AHN.
1.9.11

HCl
1/9/11

To
The Joint Secy to Govt - PWD (I)
with the SE's letters ~~and~~ & enclosures,
in original

12

B/

SUBJECT.—Estimate of Rs 1350 (for works) for improvements to Veppangulam Tank, Periyar System.

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

pp 1 & 2 of C.f.

Print — From the Sup. Engr.: VI Circle, dt 22.7.11, No 799CE
From do, dt 16.8.11, No 893CE
Note by the Chief Engr. for Irrn. dt 1-9-11, No C No 2116/11

Print Report

pp 9 & 10 of C.f.

Order (Press) No. 272 I.D. 7-9-1911

The following estimate is sanctioned:—

Imperial.

Capital Expenditure not charged to Revenue.

49—Irrigation.

Periyar System.

Open Capital acct.

I Works.

3. Distributaries.

C. Works.

Remunerative Work.

Improvement to Veppangulam Tank, Melur Taluk

Estimate

Despatch

4-9-11

2

2

9-P

Estimate_

	Rs ⊗
I Works	1,350.
II Establt	267.
	1,617

⊗ Includes Rs 90 for land.

2 This sanction is registered as No 42-I of 1911-12 and will expire on the 31st March 1913.

p2 of C.f.

3 The attention ~~[illegible]~~ of the Supdg Engr:, VI Circle, is drawn to para 2 of the above note by the Chief Engr: for Irrign.

[initials] 26.8.11.

Issue.

[initials] 1.9.11

[initials] 4/9/11

To
The Chief Engr: for Irrign ✓
" Supdg Engr:, VI Circle ✓ with plans & Estimate, MS D.O. 5/10/11 DJ
" Acctt Genl, Madras ✓ [initials] 28.8.11

Despatched on 4.11.11

3

1-10.8

13